



Horizon Europe Seeds Workshop

"Artificial intelligence in personalized medicine: from Sepsis to Antisepsis"

9:30 - 10:00. Workshop opening

Giuseppe Calamita and Angelo Vacca (Uniba)

Danilo Caivano (Rector's delegate for the University action line for European planning; Uniba)

Vito Montanaro (Director Dipartimento Promozione della Salute e del Benessere Animale, Regione Puglia)

10:00-11:15. Session 1: *The Horizon Europe Seeds project "SEPSIS"* - (chair: **Angelo Vacca**)

Vanessa Desantis (DiMePre-J, Uniba). *Sepsis: clinical-translational study uncovering new potential therapeutic target*

Giuseppe Calamita (DBBA, Uniba). *White blood cells AQP3 and AQP9: new prognostic biomarkers and drug targets in sepsis?*

Doron Tolomeo (DBBA, Uniba). *Long non-coding RNAs as sepsis predictive, diagnostic, and prognostic markers*

Massimo Bilancia (DiMePre-J, Uniba). *The computational landscape of sepsis*

Nicolò Muciaccia (GIURI, Uniba). *Legal protection of the algorithm for the predictive-diagnostic reuse of healthcare big data*

11:15-11:45. Coffee break

11:45-12:30. Session 2: *Artificial intelligence as an extra weapon to fight sepsis. The EIC Pathfinder project "ANTISEPSIS"* - (chair: **Giuseppe Calamita**)

Michael Rützler (ApoGlyx, Sweden). *ANTISEPSIS, or how to address the challenge of drug development in sepsis*

Antonio Solimando (DiMePre-J, Uniba). *Integrated approaches to managing septic shock: combining fluid, antibiotic, immune, and genetic therapies for novel therapeutic horizons*

Corrado Loglisci (DI, Uniba). *Artificial intelligence for prognosis in sepsis: heterogeneity, explainability and scarcity*

12:30-13:15. Session 3: *Artificial intelligence multi-facilities in Telemedicine* - (chair: **Silvio Vacca**)

Alessandro Massaro (LUM Enterprise srl). *Integrated telemedicine AI platforms: prognostic tools oriented on precision medicine*

Giuseppe Modugno (MTM Project srl). *Remote assistance and Augmented Reality for patient care at home*

Alberto Fornasari (CIRPAS). *The role of technologies in telemedicine. New alphabets for patients*

Friday, April 21, 2023

Aula Magna Nuovo Palazzo di Biologia

Campus "E. Quagliariello" – via E. Orabona, 4 - Bari

Contacts

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